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**In The United States Patent and Trademark Office**

App. Number: 09/475/499  
App. Filed: 12/30/1999  
Applicant: Thomas D. Merritt  
Title: Flue Gas Conversion Apparatus  
Examiner/ GAU: Leung Jennifer A./ 1764

Miami, Florida 2007 Jan 5 Fri.

**AMMENDMENT B**

Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir,

In response to the Office Action mailed 12/18/2006, please amend the above application as follows.

**Claims:**

Cancel Claims 1-6.

Claim 7 is hereby re-worded per requirement of examiner to include limiting elements of claims on which it depends.

Change claim 7 to read :

7 (new) In a flue gas conversion apparatus comprising

(a) a laser for the purpose of creating a laser beam, said laser including a means to split said beam into a plurality of beams

(b) a catalytic conversion means including at least one fluid input means and one fluid output means, whereby said laser beam directed at said conversion means will cause a substantial temperature increase within said catalytic conversion means

(c) a chemical combining means having at least one fluid inlet and at least one fluid outlet, said inlet in fluid communication with said outlet of said catalytic conversion means whereby converted gas produced within said conversion means is chemically combined, thereby producing a fuel product.

**Conditional Request for Constructive Assistance**